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The Chas. G. Curtiss Co
Nurserymen
and
Collectors

1934

Callicoon
New York

31st Annual
CATALOGUE

of

The Charles G. Curtis Co.

CHARLES G. CURTIS
ELIZABETH M. CURTIS

VALLEAU C. CURTIS
EDITH HELEN CURTIS

Nurserymen and Collectors



CALICOON, NEW YORK

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Design and Execution: Gilmore D. Clarke and Allyn R. Jennings. Associated Materials Furnished by The Charles G. Curtis Co.

A SCENE IN THE NEW YORK STATE ADIRONDACK EXHIBIT
AT A CENTURY OF PROGRESS

The above scene typifies the plant material that our nursery and collecting fields produce. In furnishing construction material for this garden we were called upon, not only for plants, but also for moss covered ledge rocks, logs, stumps, leaves, swamp plants, a bridge and quantities of other detail material which make such an exhibit realistic. All plants were carefully dug and planted to give them every opportunity to survive under difficult growing conditions.

Our organization is equipped to furnish contractors with just such a diversified collection of materials.

Our Hemlock nursery—the largest in the country—and our 200 acres of natural growth of Rhododendron maximum under semi-nursery conditions are the features that the Curtis Nurseries are particularly noted. We welcome you to visit us and see these for yourself.

CANADA HEMLOCK

Canada Hemlock (*Tsuga canadensis*) is an ideal tree for many purposes. We have classified our nursery grown Hemlocks into three tree types, each for a particular use as shown below. When placing your orders for Hemlocks, if you will state the type of tree desired, we can assure you of complete satisfaction.



Specimen

The Specimen type is the very heaviest sheared tree that can be grown. It may have a double or single leader. This is a perfect tree.



Naturalistic

The Naturalistic types of tree are those that are symmetrical, well branched on all sides, open foliated and a single leader.



Hedge

The Hedge types of trees are those trees generally cylindrical in shape and unusually heavy near the top.

NURSERY GROWN CANADA HEMLOCK

(*Tsuga Canadensis*)

TREE TYPES

	NATURALISTIC		HEDGE		SPECIMEN	
	Each	Per 100	Each	Per 100	Each	Per 100
1 to 2 ft. B&B XXX	\$.81	\$ 62.50	\$ 1.25	\$ 90.00	\$ 1.25	\$ 90.00
2 to 3 ft. B&B XXX	1.25	90.00	1.90	155.00	1.90	155.00
3 to 4 ft. B&B XXX	2.10	190.00	2.70	250.00	3.38	310.00
4 to 5 ft. B&B XXX	3.38	310.00	4.63	435.00	5.32	500.00
5 to 6 ft. B&B XXX	5.32	400.00	6.68	625.00	7.80	750.00
6 to 7 ft. B&B XXX	8.13	750.00	11.88	1125.00	15.00	1375.00
7 to 8 ft. B&B XXX	12.50		15.00		18.75	
8 to 9 ft. B&B XXX	15.00		20.00		25.00	

SEEDLINGS FOR LINING OUT

	Per 1000
6 to 10 inches X	\$100.00
10 to 14 inches X	150.00
12 to 18 inches XX	250.00
18 to 24 inches XX	500.00

X indicates once transplanted; XX indicates twice transplanted; XXX indicates three or more times transplanted.

In order that you may make a more intelligent selection of Hemlock Trees for various uses, we have not only classified our trees according to types but give below the average spread per tree as related to their types and sizes.

TREE TYPES

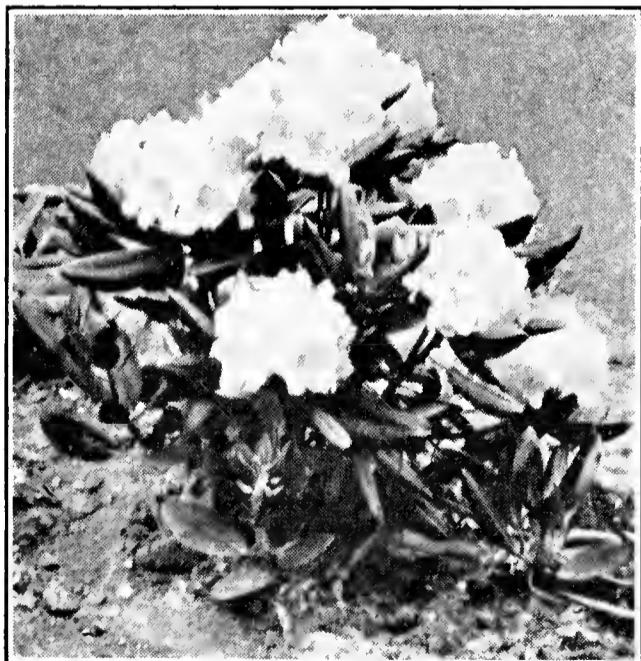
Height of Tree	Naturalistic	Hedge	Specimen
2 to 3 ft.	24" to 34" Spread	28" to 36" Spread	34" to 42" Spread
3 to 4 ft.	28" to 38" "	32" to 42" "	42" to 46" "
4 to 5 ft.	36" to 42" "	38" to 44" "	48" to 54" "
5 to 6 ft.	42" to 50" "	44" to 52" "	52" to 56" "
6 to 7 ft.	46" to 54" "	46" to 56" "	56" to 66" "
7 to 8 ft.	46" to 56" "	46" to 56" "	56" to 70" "

By the above chart one can order a hedge for immediate effect. No tree makes a better screen than the Hemlock.

Write for our Hemlock booklet for further information on selecting and planting to the best advantage.

FROM OUR NURSERIES

AZALEA nudiflora (<i>Pinkster</i>) (B&B)			
Heavy Clumps			Each
16 x 24 inches once transplanted .....	.....	\$ 1.12	
CORNUS stolonifera (<i>Red Osier</i>) (B&B)			
Heavy Specimen Clumps			
5—6 ft. once transplanted .....	.....	1.90	
KALMIA latifolia (<i>Mountain Laurel</i>) (B&B)			
18—24 inches once transplanted .....	.....	1.25	
24—36 inches once transplanted .....	.....	1.90	
PIERIS floribunda (<i>Mountain Andromeda</i>) (B&B)			
12 x 12 inches once transplanted .....	.....	1.90	
12 x 18 inches once transplanted .....	.....	2.50	
PINUS strobus (<i>White Pine</i>) (B&B)			
4—5 ft. twice transplanted .....	.....	3.75	
5—6 ft. twice transplanted .....	.....	6.25	
6—7 ft. twice transplanted .....	.....	8.75	
RHODODENDRON catawbiense (<i>Catawba Rhododendron</i>) (B&B)			
12—16 inches once transplanted .....	.....	1.25	
16—24 inches once transplanted .....	.....	2.50	
24—30 inches once transplanted .....	.....	3.12	
30—36 inches once transplanted .....	.....	4.40	



RHODODENDRON catawbiense
(*Catawba Rhododendron*)



AZALEA nudiflora
(*Pinkster*)

FROM OUR COLLECTING FIELDS RHODODENDRON MAXIMUM

Our Rhododendron maximum are grown under perfect conditions for their best possible development.

We own 200 acres of land, on which are growing Rhododendron maximum. For the past thirty years we have been systematically cutting back the old plants and clearing away the brush and trees to allow the proper amount of sunlight. By thinning out the newly sprouted plants we root prune the remainder thus producing a semi-nursery grown



Typical 3-foot Rhododendron Maximum

Rhododendron. These are superior to the average collected plant.



Typical 3 Ft. Kalmia Latifolia

KALMIA LATIFOLIA

Our Kalmia is collected from open fields, where they have had an opportunity to develop into bushy plants. We have a large supply of Kalmia in all sizes and grades.

This climate gives Kalmia a severe winter test, consequently, plants from this locality are very hardy.

RHODODENDRON AND KALMIA

RHODODENDRON maximum (*Great Laurel*)

	1-A Standard Each	2-A Specially Selected Each	3-A Extra Heavy Specimens B&B Each
1—2 ft.	\$.50	\$.88	
2—3 ft.	.75	1.12	\$ 2.50
3—4 ft.	1.00	1.88	4.37
4—5 ft.	1.56	3.12	6.25
5—6 ft.	2.50	4.37	8.75
6—7 ft.	3.75	6.87	12.50
2—4 ft. mixed sizes	.88		
2—5 ft. mixed sizes	1.00		
5—8 ft. mixed sizes	3.75		

KALMIA latifolia (*Mountain Laurel*)

1—2 ft.	\$.50	\$.88	
2—3 ft.	.62	1.12	2.50
3—4 ft.	1.00	1.88	4.37
4—5 ft.	1.56	3.12	6.25
5—6 ft.	2.81	4.37	10.00
6—8 ft.			25.00
8—10 ft.			62.50
1—4 ft. mixed sizes	.81		

1-A—*Standard* plants have at least 8 stems or a head structure equal to an 8 stem plant of height stated.

2-A—*Specially selected* plants might truthfully be called light specimens. They have at least 12 stems or a head structure equal to a 12 stem plant of the height stated.

3-A—*Extra Heavy Specimen* plants are the very best and heaviest plants that we have.

Burlapping on standard plants extra as follows: 1—4 ft., \$.10; 4—6 ft., \$.20; 6—8 ft., \$.25.

SEEDLINGS

RHODODENDRON maximum (*Great Laurel*)

3—6 inches	\$31.25 per 1000
6—12 inches	50.00 per 1000

KALMIA latifolia (*Mountain Laurel*)

3—6 inches	\$31.25 per 1000
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AZALEA NUDIFLORA AND ROSEA

We list the Azalea nudiflora and rosea under the same head. This is due to the unusual similarity of these plants in their dormant state, and also the fact that they seem to have crossed in this section of the country. A mixture of these two species gives quite an extended period of bloom.

AZALEA nudiflora and rosea	Each	Per 100
1—2 ft.	\$.56	\$ 37.50
2—3 ft. ....	.75	56.00
3—4 ft. ....	.88	68.75
4—5 ft.	1.12	81.25
5—6 ft.	1.37	100.00
6—8 ft.	1.88	156.00
2—6 ft. mixed sizes		75.00

WHITE PINE AND HEMLOCK (Collected)

We can quote you on all sizes of collected White Pine and Hemlock upon request.

HEMLOCK SEEDLINGS (Collected)

Tsuga canadensis (*Canada Hemlock*)

4— 8 inches	\$18.75 per 1000
8—12 inches	37.50 per 1000

DECIDUOUS TREES AND SHRUBS

These collected deciduous trees and shrubs are dug from the forests and open fields in this immediate locality.

We specialize in unusually heavy, specimen clumps of *Cornus paniculata*, *Hamamelis*, *Ilex* and *Vaccinium*.

	Each	Per 100
ARONIA arbutifolia (<i>Red Chokeberry</i>)		
1— 3 ft.	\$.44	\$ 30.00
ARONIA nigra (<i>Black Chokeberry</i>)		
1— 3 ft. ....	.44	30.00
AZALEA nudiflora and rosea (See Page 9)		
BETULA lenta and lutea (<i>Black and Yellow Birch</i>)		
2— 4 ft. ....	.25	12.50
4— 6 ft. ....	.44	25.00
6— 8 ft. ....	.63	43.75
8—10 ft. ....	.81	62.50
10—12 ft.	1.25	93.75
12—14 ft.	1.88	125.00
BETULA populifolia (<i>Gray Birch</i>)		
6— 8 ft.	1.12	93.75
8—10 ft.	2.19	187.50
10—12 ft.	5.62	500.00
12—14 ft.	11.25	1000.00
CEANOTHUS americana (<i>New Jersey Tea, Red Root</i>)		
1— 3 ft. ....	.45	25.00
COMPTONIA asplenifolia (<i>Sweetfern</i>)		
1½—4 ft. ....	.25	12.50
CORNUS circinata (<i>rugosa</i>) (<i>Roundleaf Dogwood</i>)		
2— 6 ft. ....	.44	31.25
CORNUS paniculata (<i>Gray Dogwood</i>)		
3— 4 ft. (Clumps) ....	.44	31.25
4— 6 ft. (Clumps) ....	.63	50.00
CORNUS stolonifera (<i>Red Osier Dogwood</i>)		
2— 6 ft. ....	.45	25.00
CORYLUS rostrata (<i>Beaked Hazelnut</i>)		
2— 4 ft. (Clumps) ....	.56	37.50
4— 6 ft. (Clumps) ....	.69	50.00
HAMAMELIS virginiana (<i>Common Witch Hazel</i>)		
2— 4 ft. (Heavy Clumps) ....	.94	62.50
4— 6 ft. (Heavy Clumps)	1.12	93.75
6— 8 ft. (Heavy Clumps)	1.75	125.00
Mixed sizes, 2—8 ft.		100.00

ILEX monticola (<i>Mountain Winterberry</i>)	Each	Per 100
2— 4 ft. (Clumps)	\$.88	\$ 62.50
4— 6 ft. (Clumps)	1.25	93.75
6— 8 ft. (Clumps)	1.88	125.00
LYONIA ligustrina (<i>He-Huckleberry</i>)		
2— 4 ft. (heavy clumps) .....	.44	31.25
4— 6 ft. (heavy clumps) .....	.56	43.75
NEMOPANTHUS mucronata (<i>Mountain Holly</i>)		
2— 5 ft. (clumps) .....	.50	37.50
5— 8 ft. (clumps)	1.00	75.00
8—10 ft. (clumps)	1.87	125.00
PRUNUS virginiana (<i>Chokecherry</i>)		
4— 6 ft. (clumps) .....	.50	37.50
6— 8 ft. (clumps) .....	.94	75.00
SPIRAEA alba (<i>White Spiraea</i>)		
1— 3 ft. (heavy clumps) .....	.25	18.75
SPIRAEA tomentosa (<i>Hardhack</i>)		
1— 3 ft. (heavy clumps) .....	.25	18.75
VACCINIUM corymbosum (<i>Highbush Blueberry</i>)		
2— 3 ft. (extra heavy clumps)	.63	50.00
3— 4 ft. (extra heavy clumps)	.81	62.50
4— 5 ft. (extra heavy clumps)	1.19	100.00
5— 6 ft. (extra heavy clumps)	1.75	156.25
6— 8 ft. (specimen)	6.25	
VACCINIUM pensylvanicum (<i>Lowbush Blueberry</i>)		
6—12 inches (clumps) .....	.19	15.00
VACCINIUM stamineum (<i>Deerberry</i>)		
1— 2 ft. (heavy clumps) .....	.50	37.50
2— 3 ft. (heavy clumps) .....	.75	40.00
3— 4 ft. (heavy clumps) .....	.94	75.00
VIBURNUM acerifolium (<i>Mapleleaf Viburnum</i>)		
1— 2 ft. .....	.19	12.50
2— 4 ft. .....	.38	25.00
VIBURNUM cassinoides (<i>Witherod</i>)		
4— 6 ft. (clumps)	1.25	93.75
6— 8 ft. (specimen)	5.00	
VIBURNUM alnifolium (<i>Hobblebush</i>)		
2— 4 ft. (clumps) .....	.25	18.75
4— 6 ft. (clumps) .....	.63	37.50

NATIVE WILD FLOWERS

This is not a complete list of all wild flowers native to this section but includes all plants that can be collected in large quantities.

No order accepted for quantities less than 50.

These can be packed between other trees and shrubs in a car or truck and would take no additional space.

	Per 100
*AQUILEGIA canadensis (<i>Columbine</i>)	\$ 6.20
ARISAEMA triphyllum (<i>Jack-in-Pulpit</i>)	6.20
*ASARUM canadense (<i>Wild Ginger</i>)	6.20
CALTHA palustris (<i>Cowslip</i>)	6.20
CLINTONIA borealis (<i>Yellow Clintonia</i>)	6.20
*CORNUS canadensis (<i>Bunchberry</i>)	7.00
DENNTARIA diphylla (<i>Crinkleroot</i>)	6.20
*DICENTRA cucullata (<i>Dutchman's Breeches</i>)	6.20
EPIGAEA repens (<i>Trailing Arbutus</i>)	15.00
ERYTHONIUM americanum (<i>Adder's Tongue</i>)	3.00
*GAULTHERIA procumbens (<i>Wintergreen</i>)	6.20
*GERANIUM robertianum (<i>Herb Robert</i>)	5.00
HEMEROCALLIS fulva (<i>Tawny Day Lily</i>)	1.50
*HOUSTONIA caerulea (<i>Bluets</i>)	4.00
*HYDROPHYLLUM virginiana (<i>Virginia Waterleaf</i>)	6.20
INULA helenium (<i>Elecampane</i>)	6.20
LINARIA vulgaris (<i>Butter and Eggs</i>)	3.00
*MAIANthemum canadensis (<i>False Lily-of-the-Valley</i>)	2.00
*MITCHELLA repens (<i>Partridge Berry</i>)	6.20
MONARDA didyma (<i>Oswego Tea</i>)	7.00
*MYOSOTIS scorpioides (<i>Forget-me-not</i>)	6.20
PODOPHYLLUM peltatum (<i>Mandrake</i>)	4.00
*POLYGALA paucifolia (<i>Fringed Polygala</i>)	6.20
RANUNCULUS acris (<i>Common Buttercup</i>)	3.00
SAPONARIA officinalis (<i>Bouncing Bet</i>)	3.00
*SAXAFRAGA virginiana (<i>Early Saxafrage</i>)	4.00
SOLIDAGO (<i>Golden Rod</i>) mixed varieties	4.00
*TIARELLA cordifolia (<i>False Mitrewort</i>)	4.00
*TRIENTALIS borealis (<i>Star Flower</i>)	2.00
TRILLIUM erectum (<i>Wake Robin</i>)	5.00
TRILLIUM undulatum (<i>Painted Trillium</i>)	5.00
VIOLA cucullata (<i>Common Blue Violet</i>)	3.00
VINCA minor (<i>Blue Myrtle</i>)	8.00

*Plants recommended for Rock Gardens.

HARDY FERNS

The ferns listed are dug in large CLUMPS with one to four clusters of fronds in a clump. They can be used for massing or planting separately, but give an especially fine effect planted with Rhododendron maximum or other evergreens. Any carload could contain 200 to 300 ferns WITHOUT EXTRA CHARGE FOR TRANSPORTATION, as they could be packed between other plants, filling in vacant spaces.

	Per 100	Per 1000
ADIANTUM pedatum (<i>American Maidenhair</i>)	\$ 6.25	\$ 50.00
DENNSTEDIA punctilobula (<i>Hay-scented</i>)		
Sq. ft. sod	12.50	112.50
DRYOPTERIS marginalis (<i>Marginal Shield</i>)	6.25	50.00
DRYOPTERIS spinulosa (<i>Toothed Woodfern</i>)	6.25	50.00
ONOCLEA sensibilis (<i>Sensitive</i>)	6.25	50.00
OSMUNDA cinnamomea (<i>Cinnamon</i>)	18.75	150.00
OSMUNDA claytoniana (<i>Interrupted</i>)	11.90	100.00
POLYPODIUM vulgare (<i>Common Polypoda</i>)		
Large mat or sod	31.25	250.00
POLYSTICHUM acrostichoides (<i>Christmas</i>)	6.25	50.00
PTERETIS nodulosa (<i>Ostrich</i>)	15.00	125.00

HUMUS FOR PLANTING

Our humus is actually a natural leaf mold soil. It differs from other commercial soils in having a texture more like a forest leaf mold, than a peat. By scientific experiment it has been determined that our product contains a very high plant food value as well as high in acidity and moisture holding properties.

We will be glad to send you a sample upon request.

PRICES ON HUMUS F. O. B. CALICOON

In bulk	\$ 11.25 per ton
Bagged	17.50 per ton
Freight carload—25 tons	218.75 per car

WATER WORN STONES FOR GARDENS

These stones are a hard bluestone picked from the river bed of the Delaware and its tributaries. They are worn smooth by years of water action and have one flat surface.

Water worn stones, which have the appearance of great age, are ideal for use in gardens for walks or for the borders of pools.

Stones averaging:

12 inches square covering space	\$.15 each
18 inches square covering space .....	.31 each

These stones are irregular in shape and therefore cannot be scaled to the inch.

Write for prices on larger sizes.

Our water-worn stones used in garden steps on the estate of Paul Cravath, Locust Valley, N. Y. Morse and Morse, Landscape Contractors.



SHIPPING

BY RAILROAD: We are located on the main line of the Erie Railroad running from New York to Chicago.

Due to continuous changes in the tariff regulations it is impossible for us to list definite freight costs to cover any length of time. We can, however, give you the current freight rates to any point upon request.

BY TRUCK: The following are the trucking rates per mile. These rates only apply on the mileage one way, that is, from shipping point to destination:

5 to 8 ton truck	\$.60 per mile
2 to 3 ton truck .....	.35 per mile

	<i>Mileage</i>		<i>Mileage</i>
Tarrytown	100	Glen Cove, L. I.	130
White Plains	110	Patchogue, L. I.	145
Mamaroneck	115	Babylon, L. I.	130
Greenwich	130	Tuxedo, N. Y.	85
New York City	125	Paterson, N. J.	100
Huntington, L. I.	130	Elizabeth, N. J.	110
Westbury, L. I.	130	Poughkeepsie	75

PACKING SCHEDULE

Approximate number of plants packed in cars and trucks.

FREIGHT CAR

Rhododendron, Kalmia Azalea, Ilex, Viburnum cassinoides, Hamamelis, Vaccinium corymbosum, Lyonia	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	2'-5'	
	450	350	300	250	200	300	Floor Space
	750	550	500			500	Double Deck
	1050	750					Triple Deck
			1250	850	550	900	Cordwooded

Pinus strobus, Tsuga canadensis	1'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	
	1100	650	350	200	250		Floor Space
	1850	1050					Double Deck
	2450						Triple Deck
		2450	1050	550	600	100	Cordwooded

Viburnum alnifolium, Viburnum acerfolium, Cornus circinata, Coryl- lus americana, Comptonia asplenifolia, Spiraea	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	
	1100	550	350	150			Floor Space
	1700	1100	650				Double Deck
	2450						Triple Deck
	4500	3500	1900	350	550	250	Cordwooded

TRUCK

Schedule for Rhododendron and Kalmia

	2-3 ft.	3-4 ft.	4-5 ft.	5-6 ft.	2-4 ft.	2-5 ft.
5 to 8 ton truck	350	250	175	125	275	250
2 to 3 ton truck	200	125	90	60	175	150

GENERAL INFORMATION

PLANTING:

Rhododendrons, Kalmia, Azaleas and Hemlock are easily grown if you follow a few very simple directions for planting. These are as follows:

- (1) Plant in a soil with plenty of drainage. Break up heavy sub-soil if it is near the surface.
- (2) Never plant more than 1 inch deeper than they formerly grew.
- (3) Use a large quantity of leaf mold or humus in the hole in direct contact with the roots.
- (4) When covering leave a depression around the base of the plant instead of a mound of soil. This will carry surface water directly to the roots.
- (5) Use a mulch of layers or sawdust on the surface around the plant. This is particularly important in Fall planting.
- (6) Use water frequently throughout the first year—preferably soft water.
- (7) Rhododendron maximum should never be planted in a sunny location or where they are exposed to strong winds.
- (8) Be sure your soil is acid. Do not plant in lime soil without special treatment.

PACKING:

The packing is done by experienced men. The floor of the car is first covered with a thick layer of moist sawdust. When decking is used the poles are covered with burlap and then with sphagnum moss. Sphagnum moss and burlap are also used around the doors to keep out the drying winds. The plants are packed tightly on the sawdust and moss and thoroughly drenched with water. Cordwooding or laying the plants down is done if the customer so desires. This is done with care and moss is used liberally between the layers.

Packing is done at cost for less than carload lots.

BURLAPPING:

There is an extra charge of 10 cents to 25 cents per plant for burlapping where it is not designated.

CLAIMS:

We accept all orders upon condition that they shall be void should injury befall stock from frost, hail, storms or other causes over which we have no control. We cannot be held responsible for delays and damage in transit.

Complaints of shipments must be made within three days after receipt of goods, otherwise it will be considered that there is no complaint or claim.

INSPECTION:

As we have nurseries in the State of Pennsylvania as well as New York, we hold inspection certificates from both states.

PRICES:

Prices are F. O. B. shipping point. There will be 6% interest charged on all unpaid accounts after 60 days.

LOCATION OF NURSERIES

Callicoon is located in the upper valley of the Delaware River on the border of the States of New York and Pennsylvania and on the main line of the Erie Railroad.

Our office is situated in the village of Callicoon one half block from the railroad station. Our nurseries are within a few minutes' drive from the village.

The Curtis nurseries of over 200 acres are always open to inspection. The spring season opens about the first of April or as soon as the frost is out of the ground and continues until plant growth is too advanced for the safe handling of the plants.

The Fall season extends from late August until the ground becomes frozen.

We welcome you to come and see us and select your own plants.

MAP SHOWING LOCATION OF NURSERIES

